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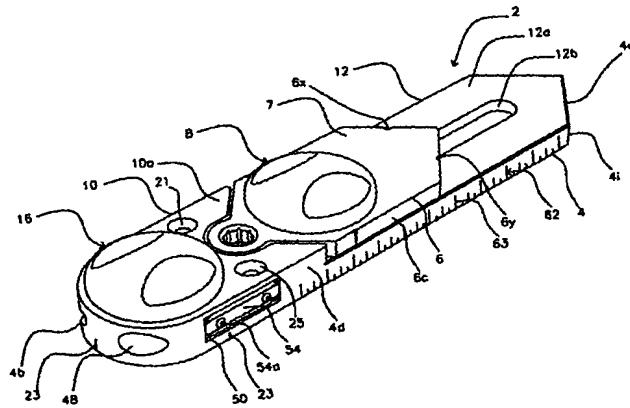
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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/25849

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : B26B 3/00, 11/00; B25F 1/00; B43L 7/00, 9/04, 13/00, 13/02, 13/24  
 US CL : 7/158, 164; 33/19.1-19.3, 27.031-27.033, 32.1-32.3, 41.1, 419, 425, 427; 30/138

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 7/158, 164; 33/19.1-19.3, 27.031-27.033, 32.1-32.3, 41.1, 419, 425, 427; 30/138

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,286,216 B1 (BRAUN) 11 September 2001 (11.09.2001), See entire document.	1-5, 21
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Y		20
X	US 2,557,699 A (SILVER) 19 June 1951 (19.06.1951), See entire document.	1-5, 7-9, 21, 27, 31, 35
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Y		6, 11-14, 16, 17, 20, 22, 23, 26, 30, 34, 37
Y	GB 2155406 A (WARWICKER) 25 September 1985 (25.09.1985), See entire document.	6, 16, 17, 22, 23
Y	US 4,656,744 A (DECKER) 14 April 1987 (14.04.1987), See entire document.	11-14
Y	US 6,134,796 A (JOHNSON) 24 October 2000 (24.10.2000), See col. 7, lines 29-37.	20, 26, 30, 34, 37
A	US 5,628,118 A (RIVERA) 13 May 1997 (13.05.1997), See entire document.	



Further documents are listed in the continuation of Box C.



See patent family annex.

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Mail Stop PCT, Attn: ISA/US  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

David B. Thomas

Telephone No. (571) 272-3700

**INTERNATIONAL SEARCH REPORT**

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**C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,110,907 A (EINHORN et al) 05 September 1978 (05.09.1978), See figs. 4 and 6.	